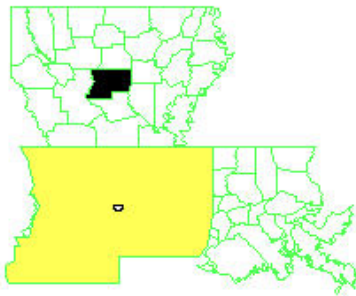


# AMERICAN CREOSOTE WORKS INC. (WINN PARISH) LOUISIANA

EPA ID# LAD000239814  
Site ID: 0600317



## EPA REGION 6 CONGRESSIONAL DISTRICT 05

Contacts:  
Michael A. Hebert 214-665-8315

Updated: September 2006

### Current Status

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- The long-term phase of the Remedial Action for in-situ biological treatment of contaminated soil and the pumping and treatment of liquid contaminants is ongoing. Currently, on average, over 400,000 gallons of liquids (contaminated ground water and non-aqueous phase liquids or NAPLs) are collected and treated per month, including over 1,500 gallons of NAPL. The collected NAPL is transported off site to a permitted facility for incineration. Treated ground water is either reinjected as part of the in-situ biological treatment process or discharged to Creosote Branch Creek via permitted outfall.
- EPA continues to monitor the performance of the remedy to assess its effectiveness in achieving the established remedial objectives.
- EPA is addressing deficiencies identified during the 2000 Five-Year Review of the Remedial Action, including the presence of NAPL outside of influence of remedial systems and the clogging of extraction trench sumps. EPA is also evaluating options for improving the performance efficiency of the operating remedial systems. This work should be completed in the next year.
- A second Five Year Review of the remedial action was completed on September 19, 2005. The remedy was found to be protective of human health and the environment.
- EPA completed installation in March 2006 of a more efficient compressor, which will enhance the performance of the air system while decreasing energy consumption.
- EPA completed installation in March 2006 of an infiltration gallery system, which will enhance treatment of shallow contaminated soils.

### Benefits

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- The \$17 million remedial action boosted local employment during the cleanup by utilizing local labor. The prime contractor also utilized several area vendors. Local vendors were identified during the bid specification stage utilizing the Chamber of Commerce to identify area expertise.
- The completion of the in-situ bioremediation system has effectively eliminated discharges to Creosote Branch Creek, allowing the stream to recover to natural conditions.
- EPA is working with the City of Winnfield to transition the site to industrial use. Over half of the property is available for reuse.

## National Priorities Listing (NPL) History

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### NPL LISTING HISTORY

Site HRS Score: 50.70

Proposed Date: 2/07/92

Final Date: 10/14/92

NPL Update: No. 12

## Site Description

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- Location:
- Winnfield, Winn Parish, Louisiana
  - Site covers approximately 34 acres at 1006 Front Street
  - Primarily residential area
- Population:
- Winnfield, LA (Population 7,000)
  - An estimated 5,700 people live within a mile of the site.
- Setting:
- Residential on 3 sides, industrial on 1 side
- Hydrology:
- Alluvial deposits
  - Two aquifers within upper 60 feet

## Wastes and Volumes

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1. Principal Pollutants:  
Pentachlorophenol in concentrations up to 6,000 parts per million  
Carcinogenic Hydrocarbons (CPAH's) in concentrations up to 506,000 parts per billion
2. Volume:  
25,000 cubic yards of "TAR" mat deposits  
275,000 cubic yards contaminated soils  
1 million gallons subsurface creosote product  
24 million gallons contaminated ground water

## Contacts

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**State Contact:** Rich Johnson, LDEQ, 504.765.0487

**Community Involvement:** Michael A. Hebert, 214.665.8315 Mail Code: 6SF-LP

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**EPA Region 6 Ombudsman:** Arnold Ondarza, 800.533.3508

**State Coordinator:** Kathy Gibson, 214.665.7196, Mail Code: 6SF-LT

**Prime Contractor:** CH2MHill